IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ELECTION UNDER 37 C.F.R. §§ 3.71 AND 3.73 AND POWER OF ATTORNEY WITH REVOCATION

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

The undersigned, being Assignee of record of the entire interest in the below-identified patents and/or applications by virtue of an assignment recorded in the United States Patent and Trademark Office as set forth below, hereby elects, under 37 C.F.R. § 3.71, to prosecute and to transact all business in the Patent and Trademark Office connected therewith to the exclusion of the inventors.

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2500894.991370	SYMM1370	08/664,705	06/17/96	5,764,704	06/09/98
2500894.991420	SYMM1420	08/642,814	05/03/96	5,751,777	05/12/98
2500894.991421	SYMM1420-1	08/850,149	05/02/97	5,943,381	08/24/99
2300234.001121					
2500894.991430	SYMM1430	08/467,313	06/06/95	5,828,670	10/27/98
2500894.991410	SYMM1410	08/472,214	06/07/95	5,646,519	07/08/97
2500894.991400	SYMM1400	08/278,423	07/21/94	5,666,330	09/09/97
2500894.991391	SYMM1390-1_	08/385,066	02/07/95	5,457,729	10/10/95
					204022
2500894.991380	5YMM1380	08/471,410	06/06/95	5,638,379	06/10/97
2500894.991550	SYMM1550	60/028,151	10/18/96	NA NA	NA _
2500894.991551	SYMM1550-1	08/950,429	10/15/97	6,125,125	09/26/00
2500894.991350	SYMM1350	60/130,203	04/20/99	NA	NA_
2500894.991351	SYMM1350-1	09/344,301	06/24/99	6,742,835	04/20/04
2500894.991110	SYMM1110	60/130,0B8	04/20/99	NA.	NA_
2500894.991111	SYMM1110-1	09/553,735	04/20/00		
2500894.991360	SYMM1360	09/176,128	10/21/98	6,166,608	12/26/00

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SYMM1120	60/173,232	12/28/99	NA	NA
SVMM1120-1	09/749 249	12/26/00	6 549 604	04/15/03
01MM1120-1	03/140,248	122000	_0,040,004	10 17 15 50
SYMM1120-2	10/345,600	01/16/03	6,707,329	03/16/04
SYMM1130	09/4/6,7/0	01/03/00		
SYMM1140	60/193,061	03/29/00	NA .	NA NA
SYMM1140-1	09/821,841	03/28/01	6,507,606	01/14/03
SYMM1140-2	10/284,057	10/30/02		
1				
SYMM1150	60/194,798	04/05/00	NA	NA NA
SYMM1150-1	09/802,484	03/09/01	6,512,803	01/28/03
SYMM1150-2	10/294,227	11/14/02		
,		,		
SYMM1160	60/199,930	04/26/00	NA	NA.
SYMM1160-1	09/843,161	04/25/01		
SYMM1170	60/197,993	04/18/00	NA	NA
SYMM1170-1	09/836,889	04/16/01	abandon	abandon
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SYMM1180	60/198,988	04/21/00	NA	NA
SYMM1180-1	09/838,575	04/18/01		
SYMM1190	60/213 779	06/23/00	NA.	NA
O CHANGE 130	- UNE 10,113	0020700	1463	"
			-1	
SYMM1190-1	09/8/0,380	05/29/01	apandon	abandon
SYMM1200	60/220,640	07/25/00	NA	NA NA
SYMM1200-1	09/882,288	06/14/01		
	SYMM1130 SYMM1140 SYMM1140-1 SYMM1140-2 SYMM1150-1 SYMM1150-1 SYMM1150-1 SYMM1160-1 SYMM1170 SYMM1170 SYMM1170-1 SYMM1180 SYMM1180-1 SYMM1190-1 SYMM1190-1 SYMM1190-1	SYMM1120-1 09/749,249 SYMM1120-2 10/345,600 SYMM1130 09/476,770 SYMM1140 60/193,061 SYMM1140-1 09/821,841 SYMM1140-2 10/284,057 SYMM1150 60/194,798 SYMM1150-1 09/802,484 SYMM1150-2 10/294,227 SYMM1160 60/199,930 SYMM1170 60/197,993 SYMM1170-1 09/838,889 SYMM1180 60/198,988 SYMM1180-1 09/838,575 SYMM1190-1 09/870,380 SYMM1200 60/220,640	SYMM1120-1 09/749,249 12/26/00 SYMM1120-2 10/345,600 01/16/03 SYMM1130 09/476,770 01/03/00 SYMM1140 60/193,061 03/29/00 SYMM1140-1 09/821,841 03/28/01 SYMM1140-2 10/284,057 10/30/02 SYMM1150-1 09/802,484 03/09/01 SYMM1150-2 10/294,227 11/14/02 SYMM1160 60/199,930 04/26/00 SYMM1170 60/197,993 04/18/00 SYMM1170-1 09/838,889 04/21/00 SYMM1180-1 09/838,575 04/18/01 SYMM1180-1 09/838,575 04/18/01 SYMM1190-1 09/870,380 05/29/01 SYMM1190-1 09/870,380 05/29/01	SYMM1120-1 09/749,249 12/26/00 6,549,604 SYMM1120-2 10/345,600 01/16/03 6,707,329 SYMM1130 09/476,770 01/03/00 NA SYMM1140-1 09/821,841 03/29/00 NA SYMM1140-2 10/284,057 10/30/02 NA SYMM1150-1 09/802,484 03/09/01 6,512,803 SYMM1150-2 10/294,227 11/14/02 NA SYMM1160-1 09/843,161 04/25/00 NA SYMM1170 60/197,993 04/18/00 NA SYMM1170-1 09/836,889 04/16/01 abandon SYMM1180-1 09/838,575 04/18/01 NA SYMM1190-1 09/838,575 04/18/01 NA SYMM1190-1 09/870,380 05/29/01 abandon SYMM1200 60/220,640 07/25/00 NA

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2500894.991210	SYMM1210	09/989315	11/20/01	will issue	24, '04
2500894.991211	SYMM1210-1	10/782,313	02/19/04		1
2500894.991212	SYMM1210-2	10/782,441	02/19/04		
					1 1
2500894.991220	SYMM1220	60/272,413	02/28/01	NA NA	NA NA
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2500894.991221	SYMM1220-1	09/993302	11/14/01		
					1
2500894.991230	SYMM1230	60/272,412	02/28/01	NA	NA
2500894.991231	SYMM1230-1	09/974177	10/10/01	6,490,296	12/03/02
2500894.991240	SYMM1240	60/301,584	06/27/01	NA	NA
2500894.991241	SVMM1240-1	10/140,611	05/07/02		
2300894.991241	SYMM1240-1	10/140,011	03/07/02		
2500894.991250	SYMM1250	60/312,390	08/15/01	NA	NA
	0.0444050 4	40447.054	n i incine		1
2500894.991251	SYMM1250-1	10/117,354	04/05/02		1
2500894.991260	SYMM1260	60/317,353	09/05/01	NA	NA
2500894.991261	SYMM1260-1	10/156,217	05/28/02		
2500894.991270	SYMM1270	60/322,608	09/17/01	NA	NA
2300034.331270	O'IMMILIO	00.022,000	05/11/01		7.5
2500894.991271	SYMM1270-1	10/156,171	05/28/02		
	0.5.11.21.000	201044545	44107104		,,,
2500894.991280	SYMM1280	60/344,542	11/07/01	NA .	NA
2500894.991281	SYMM1280-1	10/145,247	05/14/02		
2500894.991290	SYMM1290	60/342,683	12/21/01	NA	NA
2500894.991291	SYMM1290-1	10/324,912	12/20/02		
2500894.991300	SYMM1300	60/340,183	12/14/01	NA	NA
2500894.991310	SYMM1300-1	10/320,312	12/16/02		
2500894.991310	SYMM1310	60/354,835	02/05/02	•	
2500894.995131	SYMM1310-1	10/349,579	01/23/03		
2500004 204 555		COME 2 045	40/00/20	N/ 4	,,
2500894.991570	5-MM1570	60/158,318	10/08/99	NA NA	NA

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2500894.991571	SYMM1570-1	09/684,264	10/06/00	abandon	abandon
2500894.991330	SYMM1330	60/358,549	02/21/02		
2500894.991331	SYMM1330-1	10/371,422	02/21/03		1
2500894.991340	SYMM1340	60/367,536	03/26/02	NA	NA.
2500894.991341	SYMM1340-1	10/163,251	06/05/02		
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2500894.991580	SYMM1580	60/697,702	07/22/02	NA NA	NA NA
	0)4444500.4	10/004 603	07/22/03		
2500894.991581	SYMM1580-1	10/624,693 60/414,490	09/27/02	NA NA	NA
2500894.991590 2500894.991591	SYMM1590 SYMM1590-1	10/674,243	09/29/03		
2500694.991391	31 MIM 1390-1	10/07-4,2-40			
2500894.991600	SYMM1600	60/441,327	01/21/03	NA	NA
<u>2500894.991,601</u>	SYMM1600-1	10/759,381	01/16/04		
2500894.991610	SYMM1610	09/338,074	06/23/99	abandon	abandon
2500894.991611	SYMM1610-1	09/510,408	02/22/00	6,393,126	05/21/02
0500004 001610	SYMM1610-2	10/043,811	01/10/02		
2500894.991612	51 MW 1010-2	10000,011		·	
2500894.991620	SYMM1620	09/182,342	10/29/98	6,370,629	04/09/02
2500894.991630	SYMM1630	60/486,965	07/14/03	NA_	NA
DEDODD 4 001621	SYMM1630-1	60/577,675	06/07/04	NA.	NA
2500894.991631	O TWINT TOOUT	Guior 1,010			
2500894.991640	SYMM1640	60/198,917	04/20/00	NA NA	NA
2500894.991641	SYMM1640-1	09/837,793	04/17/01		

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SVMM1650	60/504.844	09/22/03	NA	NA
3 1 MIN 1 000				
SYMM1660	60/547,211	02/24/04	NA	NA
	SYMM1650 SYMM1660		STANIA I GOO GOOD TO THE STANIA I GOOD TO THE STANI	SYMMIBSU BUSDE, OVER 100 MIA

The Assignee hereby revokes all previous Powers of Attorney (if any) and appoints the registered practitioner(s) assigned to Customer No. 38396 and/or:

John J. Bruckner, Reg. No. 35,816,

each an attorney or agent of the law firm of JOHN BRUCKNER PC, to prosecute the above-identified patent(s) and/or application(s) and to transact all business in the Patent and Trademark Office connected therewith (Assignee's agent is authorized to make corrections to this document).

Pursuant to 37 C.F.R. § 3.73, the undersigned has reviewed the evidentiary documents, specifically the Assignment to Symmetricom, Inc., referenced below, and certifies that to the best of my knowledge and belief, title remains in the name of the Assignee.

Please direct all telephone calls to John Bruckner at 512-694-9145. Please send all correspondence to:

John J. Bruckner JOHN BRUCKNER PC 5708 Back Bay Lane Austin, TX 78739-1723

ASSIGNEE:	
Signed: Signed	<u>-</u>
Title:	
Assignee: Symmetricom, Inc. Dated: 62364	

ASSIGNMENT:

	Concurrently filed	
V	Previously recorde	d
	Date: 1/3/00	
	Reel: 0/0487	<u>, </u>
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